

# Postgraduate Certificate Cognitive Deficits



## Postgraduate Certificate Cognitive Deficits

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/nursing/postgraduate-certificate/cognitive-deficits](http://www.techtute.com/us/nursing/postgraduate-certificate/cognitive-deficits)

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# 01

# Introduction

The decline in cognitive functions is mainly due to aging. However, verbal ability, vocabulary, comprehension and driving skills can also be impaired at other ages. Cognitive impairment has several levels, the most serious being memory loss or dementia, which has irreversible consequences for both the patient and their environment. To try to reduce the effects of these diseases, the application of effective therapies and therapeutic strategies is essential. For this reason, TECH offers a program to update the clinical knowledge of nursing graduates. It is a multidisciplinary program that, in a 100% online way, will delve into the main cognitive deficits, syndromes and pathologies from any device with an Internet connection.





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*Update your knowledge thanks to the latest evidence in studies of diseases causing Cognitive Deficits, to be able to apply it in your health work”*



Currently, multiple studies are being carried out on Cognitive Deficits pathologies, since there is still no known treatment that can completely reverse the effects of the disease on patients. What can favor the state of health of those who suffer from them are the therapies offered by healthcare professionals on a daily basis. In this way, nurses can reduce the suffering of patients, but also of their family environment.

Given the need for a new, more humanized approach to healthcare, TECH offers a program that promotes the training of specialists in this field, since early detection is an asset in favor of its stabilization. In this sense, the Postgraduate Certificate in Cognitive Deficits gathers the most up-to-date information related to this field. This is a program that delves, in a multidisciplinary way, into the different pathologies of attention and memory, their characteristics and symptomatology, and the assessment and diagnostic techniques that are obtaining the best results.

To achieve this, students will have 180 hours of the best theoretical, practical and additional content to dynamically pursue a comprehensive and transversal program. The contents used for the transmission of knowledge are presented in various formats (detailed videos, research articles, case studies, complementary readings and interactive images), all of which allow specialists to delve into the study in a personalized way. Students will be able to adapt the pace of work to their personal and work needs, thanks to its 100% online modality.

This **Postgraduate Certificate in Cognitive Deficits** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The development of practical cases presented by experts in Nursing and Neurology
- ◆ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*A program designed under a 100% online modality that gives you all the possibilities to adapt the study pace to your professional and personal needs"*

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*A program designed for graduates in Nursing with which you will be able to work with the most up-to-date information related to the different types of apraxias and agnosias"*

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow professionals to learn in a contextual and situated learning environment, i.e., a simulated environment that will provide immersive education programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, by means of which professionals must try to solve the different professional practice situations that are presented to them throughout the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Delve into the emerging pathologies of attention and memory, knowing in depth the main characteristics and their symptomatology.*

*Delve into the intricacies of the dysexecutive syndrome thanks to this program with which you will develop specialized knowledge in a guaranteed way.*



# 02 Objectives

The main objective of this Postgraduate Certificate in Cognitive Deficits is to update the knowledge of nursing professionals, focusing on this neural area. Students will not only delve into the neurodegenerative condition of elderly patients, but will also attend to the pathologies of children with ASD or with social cognition problems. In this way, students taking this program will be able to investigate attention and memory pathologies, dysexecutive syndrome, apraxias and agnosias, as well as deficits in social cognition and autism spectrum disorders, among other diseases.





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*Fulfill your professional goals by becoming an expert in olfactory and tactile agnosias and analyze their effects in young, middle-aged and elderly patients”*



## General Objectives

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- ◆ Develop a broad and up-to-date knowledge on the latest developments related to Cognitive Deficits
- ◆ Know in detail the most recent scientific evidence on apraxias and agnosias, as well as other cognitive deficits





## Specific Objectives

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- Know and contextualize the different cognitive deficiencies
- Classify the cognitive deficiencies according to their symptoms



*An ideal educational program for you to delve into the classification of Cognitive Deficits according to their symptomatology"*



# 03

# Course Management

TECH is continually committed to academic excellence. For this reason, each of its programs has teaching teams of the highest reputation. These experts have extensive experience in their professional fields and, at the same time, have achieved significant results with their empirical research and fieldwork. In addition, these specialists play a leading role within the university qualification, as they are in charge of selecting the most up-to-date and innovative content to be included in the syllabus. In addition, they participate in the elaboration of numerous multimedia resources of high pedagogical rigor.





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*The teaching materials of this program, elaborated by these specialists, have contents that are completely applicable to your professional experiences”*



## International Guest Director

Dr. Steven P. Woods is a leading neuropsychologist, internationally recognized for his outstanding contributions to improving clinical detection, prediction and treatment of real-world health outcomes in diverse neuropsychological populations. He has forged an exceptional career path, which has led him to publish over 300 articles and serve on editorial boards in 5 major Clinical Neuropsychology journals.

His excellent scientific and clinical work focuses primarily on the ways in which cognition can hinder and support daily activities, health and well-being in adults with chronic medical conditions. Other areas of scientific relevance, for this expert, also include health literacy, apathy, intra-individual variability and internet navigation skills. His research projects are funded by the National Institute of Mental Health (NIMH) and the National Institute on Drug Abuse (NIDA).

In this regard, Dr. Woods' research approach explores the application of theoretical models to elucidate the role of neurocognitive deficits (e.g., memory) in everyday functioning and health literacy in people affected by HIV and aging. In this way, his interest focuses, for example, on how people's ability to "Remember to Remember", the so-called prospective memory, influences health-related behaviors, such as medication adherence. This multidisciplinary approach is reflected in his groundbreaking research, available on Google Scholar and ResearchGate.

He has also founded the Clinical Neuropsychology Service at Thomas Street Health Center, where he holds a senior position as Director. Here, Dr. Woods provides Clinical Neuropsychology services to people affected by HIV, providing critical support to communities in need and reaffirming his commitment to the practical application of his research to improve lives.



## Dr. Woods, Steven P.

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- Founder and Director of the Clinical Neuropsychology Service at the Thomas Street Health Center
- Collaborator in the Department of Psychology, University of Houston
- Associate Editor at Neuropsychology and The Clinical Neuropsychologist
- Ph.D. in Clinical Psychology, with a specialization in Neuropsychology, Norfolk State University
- B.S. in Psychology, Portland State University
- Member of:
  - National Academy of Neuropsychology
  - American Psychological Association (Division 40, Society for Clinical Neuropsychology)

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*Thanks to TECH, you will be able to learn with the best professionals in the world”*

# 04

## Structure and Content

For the correct distribution of the contents of this program, TECH has integrated the latest teaching technology. Its 100% online mode and the prestigious Relearning pedagogical methodology make the Postgraduate Certificate a unique and enriching experience for students. Nursing graduates will receive up-to-date information on Cognitive Deficits, their diagnosis and clinical management. In addition, they will have downloadable audiovisual content and additional support material that, together with the tutoring of teachers, guarantee optimal teaching and adaptable to their needs.





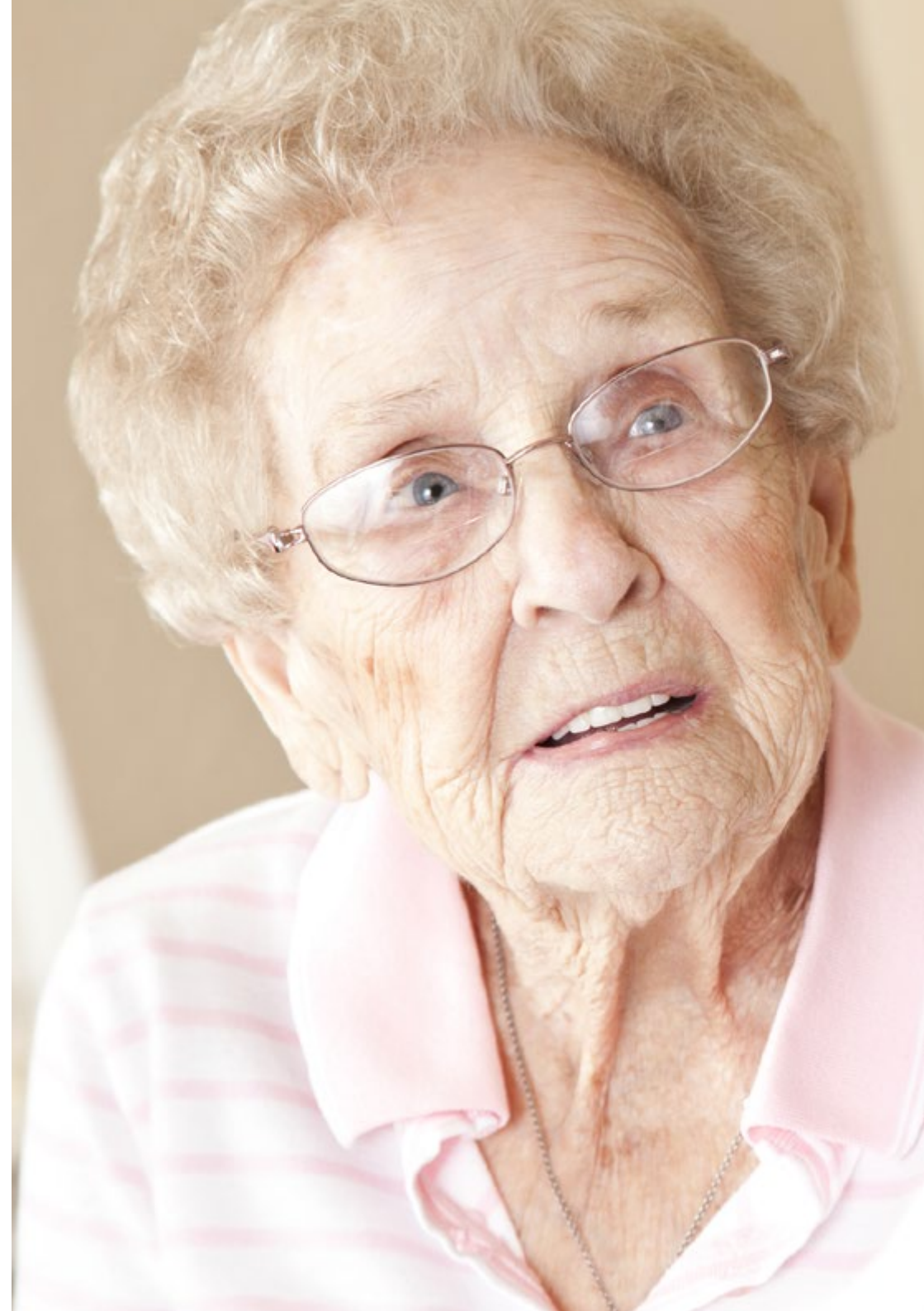
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*A program designed to put your skills into practice, focusing on real clinical cases of patients with Cognitive Deficits”*



## Module 1. Cognitive Deficiencies

- 1.1. Attention Pathology
  - 1.1.1. Main Attention Pathologies
  - 1.1.2. Characteristics and Symptomology
  - 1.1.3. Assessment and Diagnosis
- 1.2. Memory Pathology
  - 1.2.1. Main Memory Pathologies
  - 1.2.2. Characteristics and Symptomology
  - 1.2.3. Assessment and Diagnosis
- 1.3. Dysexecutive Syndrome
  - 1.3.1. What is Dysexecutive Syndrome?
  - 1.3.2. Characteristics and Symptomology
  - 1.3.3. Assessment and Diagnosis
- 1.4. Apraxias I
  - 1.4.1. Concept of Apraxia
  - 1.4.2. Main Modalities
    - 1.4.2.1. Ideomotor Apraxia
    - 1.4.2.2. Ideational Apraxia
    - 1.4.2.3. Constructional Apraxia
    - 1.4.2.4. Clothing Apraxia
- 1.5. Apraxias II
  - 1.5.1. Gait Apraxia
  - 1.5.2. Apraxia of Speech or Phonation
  - 1.5.3. Optical Apraxia
  - 1.5.4. Callosal Apraxia
  - 1.5.5. Examination of the Apraxias:
    - 1.5.5.1. Neuropsychological Assessment
    - 1.5.5.2. Cognitive Rehabilitation





- 1.6. Agnosias I
  - 1.6.1. Concept of Agnosias
  - 1.6.2. Visual Agnosias
    - 1.6.2.1. Agnosia for Objects
    - 1.6.2.2. Simultanagnosia
    - 1.6.2.3. Prospagnosia
    - 1.6.2.4. Chromatic Agnosia
    - 1.6.2.5. Others
  - 1.6.3. Auditory Agnosias
    - 1.6.3.1. Amusia
    - 1.6.3.2. Agnosia for Sounds
    - 1.6.3.3. Verbal Agnosia
  - 1.6.4. Somatosensory Agnosias
    - 1.6.4.1. Asterognosia
    - 1.6.4.2. Tactile Agnosia
- 1.7. Agnosias II
  - 1.7.1. Olfactory Agnosias
  - 1.7.2. Agnosia in Diseases
    - 1.7.2.1. Anosognosia
    - 1.7.2.2. Asomatognosia
  - 1.7.3. Assessment of Agnosias
  - 1.7.4. Cognitive Rehabilitation
- 1.8. Social Cognition Deficit
  - 1.8.1. Introduction to Social Cognition
  - 1.8.2. Characteristics and Symptomology
  - 1.8.3. Assessment and Diagnosis
- 1.9. Autism Spectrum Disorders
  - 1.9.1. Introduction
  - 1.9.2. ASD Diagnosis
  - 1.9.3. Cognitive and Neuropsychological Profile Associated with ASD

05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the real conditions in professional nursing practice.



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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

The effectiveness of the method is justified by four fundamental achievements:

1. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.





## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



*The nurse will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is really specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

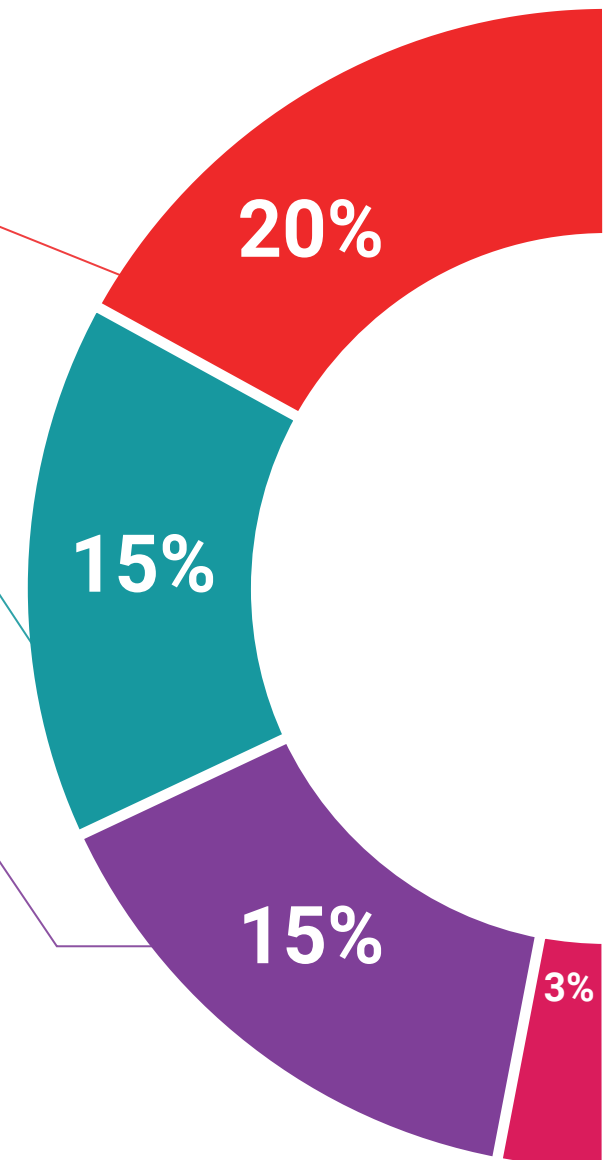
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

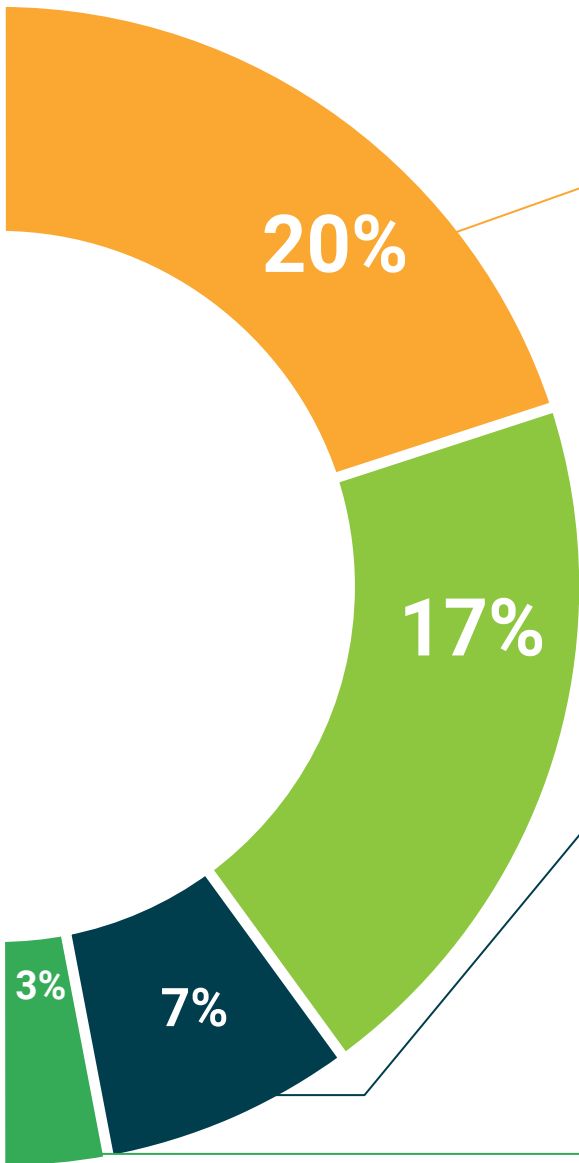
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



#### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.





# 06 Certificate

The Postgraduate Certificate in Cognitive Deficits guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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*Successfully complete this program  
and receive your university qualification  
without having to travel or fill out  
laborious paperwork”*

This program will allow you to obtain your **Postgraduate Certificate in Cognitive Deficits** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

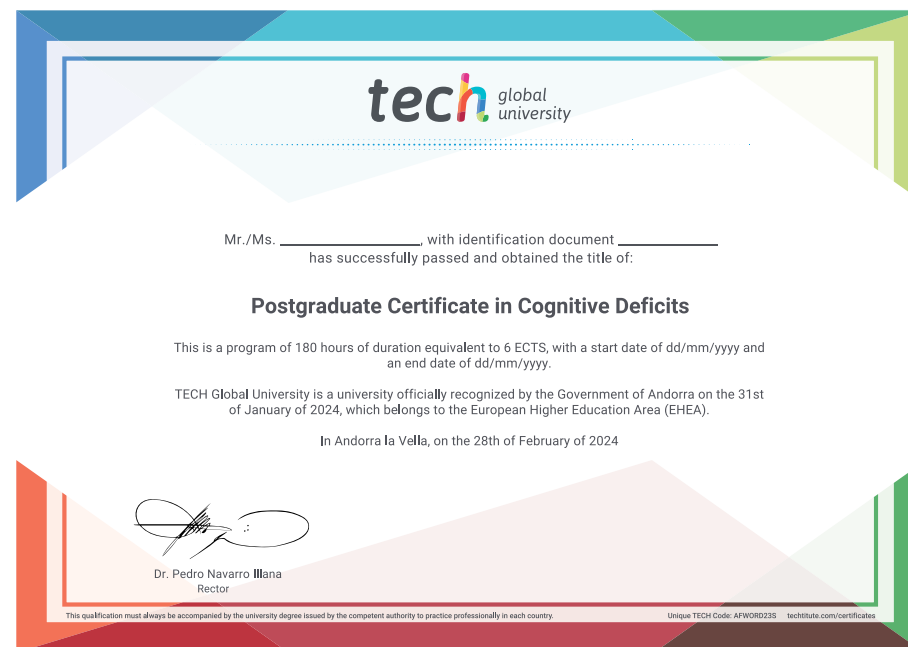
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Cognitive Deficits**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom



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